# CS490-004 Network Programming
# Possible Quiz Questions (Quiz #8)
# on October 27th, 2026

The following is a list of possible questions for our quiz on October 27th. Some of the questions will not be asked in the quiz. All the questions that will appear in the quiz will appear exactly as shown below (however, numeric parameters may be changed). The quiz is closed textbook, closed notes and closed neighbors. Note that the questions, which did not appear in this quiz, still may appear in the exams. You will find a solution for these questions during lectures.

**#1**: What are the three server-side web application methods (those we discussed in the classroom)? What are the two client-side web application methods (those we discussed in the classroom)?

**#2**: One of the major criticisms against CGI is its slow response. Why is CGI slow in serving clients' requests?

**#3**: For Java Servlet, what are the three activities necessary in the server side?

**#4**: What is the primary advantage in Java Servlet (compared with CGI)?

**#5**: What is the primary criticism against Java Servlet? How is the problem caused?

**#6**: What are the two major advantages in "JSP" compared to Java Servlet?

**#7**: What is the primary difference between "Java Script" and "Java Applet"? Mention at least two major differences.

**#8**: What are the major advantages of "Java Script" compared to "Java Applet"?

**#9**: What are the major advantages of "Java Applet" compared to "Java Script"?

**#10**: In the following four Java-based web application programming methods, which one (ones) uses Java compiler (select all that apply)?

(a) Servlet

(b) JSP

(c) Java script

(d) Java applet

(e) None of the above

**#11**: What are the major advantages of "server-side" web applications?

**#12**: What are the major advantages of "client-side" web applications?

**#13**: Suppose that you are a software engineer who got a contract to develop a web application based on Java. The most important requirement in the contract is that the application you develop must run correctly no matter which web browsers your users will use. Which one of the following options will be the best method (select the best one)? Justify your choice.

(a) Servlet

(b) JSP

(c) Java script

(d) Java applet

Your justification:

[THIS QUIZ QUESTION LIST CONTINUES TO THE NEXT PAGE]

**#14**: Select which of: Servlet, JSP, Java Script and Java Applet fits to the four blanks in the following table (one for each blank):

| | | Amount of data application Needs to process * | |
|---|---|---|---|
| | | Low | High |
| Complexity in the process to be performed | Low | | |
| | High | | |

* **Note:** if a server-side method is used, only the results can be transferred to a client.

**#15**: What's the major advantage (property) of CGI?

**#16**: What's the major advantage (property) of Java Servlet?

**#17**: What's the major advantage (property) of Java Server Page?

**#18**: What's the major advantage (property) of Java Script (as the client-side programs)?

**#19**: What's the major advantage (property) of Java Applet?

**#20**: What's the common issue for all web-based network applications?